

December 29, 1999

Mr. Peter D. Venturini
Chief, Stationary Source Division
California Air Resources Board
P.O. Box 2815
Sacramento, CA 95812

RE: PE-Berkeley, Inc. – Plant #11326
Application #579, Administrative Permit Amendment

Dear Mr. Venturini:

This is to advise you that the Bay Area Air Quality Management District has made administrative permit amendments to the Major Facility Review Permit for PE-Berkeley, Inc. (Plant Number 11326).

District Regulation 9, Rule 9 regulates nitrogen oxide (NOx) from gas turbines. Currently, there is a 25 ppm NOx concentration limit in effect, per Section 9-9-303.1. This limit may be adjusted based on demonstrated efficiency, as allowed under Section 9-9-401. Based on the efficiency adjustment, the NOx limit for PE-Berkeley is currently 30 ppm. This limit is included in the Major Facility Review Permit for PE-Berkeley. On January 1, 2000, a lower NOx standard of 15 ppm becomes effective, per Section 9-9-303.2. This limit is also included in the Major Facility Review Permit, with a future effective date of 1/1/00. However, the District did not include an efficiency adjustment for the 15 ppm limit, because the corresponding efficiency data was not available at the time. Based on recent efficiency testing, the adjusted NOx limit is 20.2 ppm. The District has made an administrative permit amendment for this change. This change has also been made to Permit Condition ID# 366, Part 4.

In addition, the District has made other administrative changes, including the following. The NOx limit for combined operation of the turbine and duct burners has been reduced from 30 to 20.2 ppm to reflect the new lower limit for the turbine, because it is not possible to distinguish between turbine and duct burner emissions from the common stack (Permit Condition ID# 366, Part. 5). Based on the NOx concentration limit of 20.2 ppm at 15% oxygen, a new NOx mass emission limit of 547 lb/day has been added when firing with natural gas (Permit Condition ID# 366, Part 10). All changes appear in underline/strikeout format for clarity. Other minor changes have been made to SIP dates and boilerplate language to standardize the permit.

A copy of the modified Major Facility Review Permit is enclosed for your records. If you have any questions on this matter, please call **Dharam Singh, Air Quality Engineer II at (415) 749-4714.**

Very truly yours,

Ellen Garvey
Executive Officer / Air Pollution Control Officer

EJG:GAS:gs
enclosure

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